

Converting Colors

Yxy(62.6871, 0.4321, 0.4429)

Have a look what the booklet for
Yxy(62.6871, 0.4321, 0.4429)
contains.

Yxy(62.6871, 0.4321, 0.4429)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.6871, 0.4321, 0.4429)

Conversions

Conversions Part 1

Format	Color
Hex	F7CA56
RGB	247, 202, 86
RGB Percent	97%, 79%, 34%
CMY	0.0314, 0.2078, 0.6625
CMYK	0.00, 0.18, 0.65, 0.03
HSL	43°, 91%, 65%
HSV	43°, 65%, 97%
XYZ	61.1585, 62.6871, 17.6922
YIQ	202.2310, 64.0560, -26.5360

Conversions

Conversions Part 2

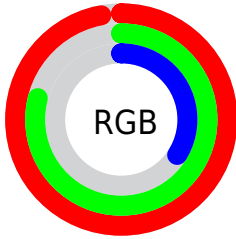
Format	Color
RYB	148, 247, 86
Decimal	16239190
CIELab	83.28, 3.74, 62.03
CIElCh	83, 62.144, 86.549
Yxy	62.6871, 0.4321, 0.4429
Android (android.graphics.Color)	4294429270 (0xFFF7CA56)
YUV	202.2310, -57.3019, 39.2624
Hunter-Lab	79.1752, -0.6751, 42.1739

Details

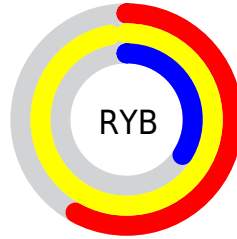
The Yxy color **62.6871, 0.4321, 0.4429** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.9414, 0.1983, 0.1720**, and the grayscale version is **59.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6734, 0.3798, 0.4400**, and **31.8333, 0.4550, 0.4627** is the 20% darker color. If you saturate the color by 10%, you get **59.1900, 0.4494, 0.4528**, and if you desaturate by 10%, it is **66.4728, 0.4131, 0.4292**.

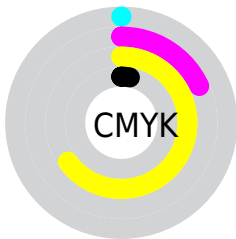
Distribution



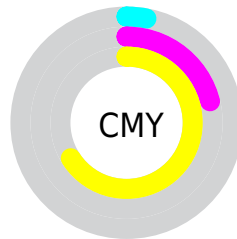
- Red (97%)
- Green (79%)
- Blue (34%)



- Red (58%)
- Yellow (97%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (65%)
- Black (3%)




- Cyan (3%)
- Magenta (21%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6871, 0.4321, 0.4429 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.6871, 0.4321, 0.4429 by changing the saturation by 10% instead.


 62.6871, 0.4321,
0.4429

 62.6871, 0.4321,
0.4429


434.4330, 0.3791,
0.3934

 45.5881, 0.4427,
0.4525

 108.7180, 0.4147,
0.4269


 31.9209, 0.4548,
0.4631


 138.4186, 0.4076,
0.4203

 21.3011, 0.4681,
0.4745


 173.0887, 0.4014,
0.4145

 13.3443, 0.4822,
0.4857

 213.1125, 0.3959,
0.4093

 7.6660, 0.5004,
0.4996

258.8744, 0.3909,
0.4047

 3.8820, 0.5037,
0.4963

310.7589, 0.3866,

 1.6078, 0.5092,

0.4005

369.1503, 0.3826,
0.3968

0.4908

■ 0.3628, 0.5459,
0.4541

■ 0.0000, 0.0000,
0.0000

■ 62.6871, 0.4321,
0.4429

■ 62.6871, 0.4321,
0.4429

■ 59.1900, 0.4494,
0.4528

■ 66.4728, 0.4131,
0.4292

■ 55.9555, 0.4641,
0.4579

■ 70.5526, 0.3934,
0.4126

■ 52.9667, 0.4756,
0.4580

■ 74.9425, 0.3738,
0.3944

■ 51.5940, 0.4804,
0.4568

■ 79.6547, 0.3549,
0.3754

84.7001, 0.3371,
0.3565

90.0892, 0.3206,
0.3381

95.5745, 0.3079,
0.3245

98.5131, 0.3078,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6871, 0.4666, 0.3897



62.6871, 0.4321, 0.4429



62.6871, 0.3679, 0.4734

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6871, 0.4321, 0.4429



62.6871, 0.1877, 0.2998



62.6871, 0.3173, 0.2369

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.6871, 0.4321, 0.4429



24.9414, 0.1983, 0.1720

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6871, 0.2453, 0.2137



62.6871, 0.4321, 0.4429



62.6871, 0.1784, 0.2411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6871, 0.4321, 0.4429



62.6871, 0.2274, 0.3827



62.6871, 0.1978, 0.2137



62.6871, 0.3976, 0.2787

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6871, 0.4321, 0.4429



62.6871, 0.3179, 0.4672



62.6871, 0.1978, 0.2137



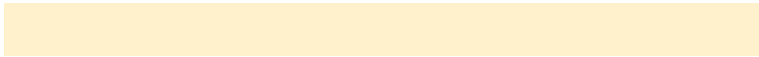
62.6871, 0.2912, 0.2268

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.6901, 0.4321, 0.4429



88.3785, 0.3456, 0.3657



28.0947, 0.4646, 0.2848



18.5925, 0.3506, 0.3710



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6901, 0.4321, 0.4429



62.5775, 0.4540, 0.4548



81.2065, 0.3776, 0.4935



18.4846, 0.3275, 0.3460



27.5396, 0.4791, 0.4578



2.5932, 0.4699, 0.4651

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.9414, 0.1983, 0.1720



19.5859, 0.1791, 0.1379



17.4398, 0.2069, 0.1289



16.6808, 0.2979, 0.3114



6.0108, 0.1597, 0.0950



0.6945, 0.1664, 0.1189

Previews

White Background



This preview shows how the Yxy color 62.6871, 0.4321, 0.4429 looks on a white background.

Color Contrast Check

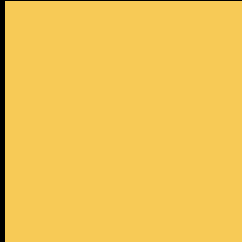
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.6871, 0.4321, 0.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6871, 0.4321, 0.4429

Background



This preview shows how black text looks on a background with the Yxy color 62.6871, 0.4321, 0.4429.



This preview shows how white text looks on a background with the Yxy color 62.6871, 0.4321, 0.4429.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.6871, 0.4321, 0.4429

Protanopia

62.8053, 0.4138, 0.4537

Deuteranopia

62.5683, 0.4333, 0.4254



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.6871, 0.4321, 0.4429

Protanomaly

62.8353, 0.4206, 0.4501

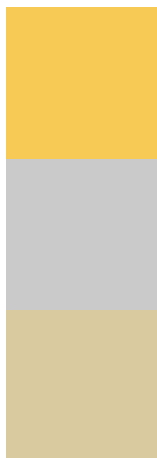
Deuteranomaly

62.3685, 0.4333, 0.4314

Tritanomaly

61.8522, 0.3877, 0.3640

Monochromacy



Original Color

62.6871, 0.4321, 0.4429

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6846, 0.3571, 0.3781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6871, 0.4321, 0.4429 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 202, 86)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 86)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 202, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 86) }
```

Border

The CSS property to change the border of an element to Yxy 62.6871, 0.4321, 0.4429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 202, 86) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 202, 86) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 202, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 86);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6871, 0.4321, 0.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 86) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
202, 86) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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